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Symbols Utilized in "Electroanalytical Abstracts"

For the sake of consistency and for a better immediate understanding these symbols have been used throughout the abstracts even when authors have employed other symbols for the same quantity.

Latin Alphabet

a	activity
a.c.	alternating current
A	ampere, area
A	affinity
AN	acetonitrile
c	centi = 10^{-2}
c	concentration, mol / liter
C	degree Celsius ; coulomb
C	capacitance
cal	calorie
c.d.	current density
d	deci = 10^{-1} ; exact differential
d	density, relative
D	diffusion coefficient
d.c.	direct current
dm^3	cubic decimeter = liter
D.M.E.	dropping mercury electrode
DMF	dimethylformamide
DMSO	dimethylsulfoxide
e^-	electron
e	base of natural logarithm
eq	equivalent
E.S.R.	electron spin resonance
E.U.	entropy units
eV	electronvolt
f	activity coefficient (mole fraction scale)
F	faraday (96.500 C); formal; free energy (Helmholtz)* ; melting point
(*g*)	gas
g	gram
G	free enthalpy (Gibbs free energy)
h	hour
H.M.D.E.	hanging mercury drop electrode
H.W.E.T.	half-wave electric tension (polarographic)
Hz	hertz
H	enthalpy
I	current intensity ; ionic strength
I_0	exchange current intensity
I.R.	infrared
j	current density
J	joule
k	kilo = 10^3
k	Boltzmann's constant, rate constant
K	degree absolute
K	equilibrium constant
l	length
(*l*)	liquid
L	solubility product
m	milli = 10^{-3} ; meter
m	molality (moles $\times$ kg^{-1} solvent)*
M	mega = 10^6
min	minute
mol	mole (quantity of substance)
(*m.s.*)	molten system
n	nano = 10^{-9}
n	number of moles ; number of faradays
N	normality (equivalents $\times$ dm^{-3})
N.M.R.	nuclear magnetic resonance
p	pressure
p.p.m.	part per million
Q	quantity of electricity ; indentation (oscillopolarography)
r	radius
R	gas constant ; resistance
R.D.E.	rotating disc electrode
R_f	chromatographic constant
r.p.m.	revolutions per minute
s	second
(*s*)	solid
S	entropy ; solubility ; surface
S.C.E.	saturated calomel electrode
S.E.T.	standard electric tension
S.H.E.	standard hydrogen electrode
(*sol*)	solution
t	temperature Celsius ; time ; transference number
T	temperature absolute
Torr	= 1 mm Hg pressure
U	electric tension of a galvanic cell, or of an electrode (electrode potential following Stockholm convention)
U.V.	ultraviolet
V	volt
V	electric tension in general, volume
vs.	*versus*
w	weight ; work
W	watt
x	mole fraction
z	charge number of an ion
Z	impedance

Greek Alphabet

α	degree of dissociation ; transfer coefficient
γ	activity coefficient (molality scale)
∂	partial differential
ε	dielectric constant
ζ	overtension ; viscosity
η	electrokinetic tension
$\varkappa$	conductivity (specific conductance)
λ	equivalent ionic doncuctance ; wavelength
Λ	equivalent conductance of an electrolyte
μ	chemical potential; micro=10^{-6}
$\tilde{\mu}$	electrochemical potential
ν	frequency ; stoichiometric reaction coefficient
ϱ	resistivity (specific resistance) density absolute
τ	transition time
Φ	internal electric potential of a phase
ψ	external electric potential of a phase potential in general
Ω	ohm

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* Attention is called to the circumstance that it is not always clear in the original papers whether authors mean with the symbols F free energy or free enthalpy, and with the symbols m really molality or molarity (moles $\times$ dm^{-3} solution).

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